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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet	1	of	4
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Complete If Known

Application Number	Not Assigned
Filing Date	Filed Herewith
First Named Inventor	John B. Taylor
Group Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	396542

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		1,935,599		Ripsey	11/14/1933	
		3,798,020		Parham, Jr. et al.	03/19/1974	
		4,075,324		Thizy, et al.	02/21/1978	
		4,119,724		Thizy, et al.	10/10/1978	
		4,139,616		Ducret, et al.	02/13/1979	
		4,542,023		Lacroix, et al.	09/17/1985	
		4,698,334		Horriero, et al.	10/06/1987	
		4,755,614		Corbet	07/05/1988	
		4,780,458		Hodakowski, et al.	10/25/1988	
		4,806,445		Horriero, et al.	02/21/1989	
		4,849,219		Staub, et al.	07/18/1989	
		4,935,410		Barlet	06/19/1990	
		5,070,083		Barlet	12/03/1991	
		5,124,344		Greiner, et al.	06/23/1992	
		5,133,891		Barr, et al.	07/28/1992	
		5,169,646		Horriero, et al.	12/08/1992	
		5,206,228		Collins	04/29/1993	
		5,246,953		Greiner, et al.	09/21/1993	
		5,290,791		Greiner, et al.	03/01/1994	
		5,342,835		Papin, et al.	08/30/1994	

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Date Considered

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Group Art Unit	Not Assigned
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Attorney Docket Number	396542

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

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Examiner Signature	<i>Medley</i>	Date Considered	1/27/83
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 3 of 4

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Application Number	Not Assigned
Filing Date	Filed Herewith
First Named Inventor	John B. Taylor
Group Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	395824

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		The Use of Red Phosphorus As A Fertilizer. Pot Trials With Perennial Ryegrass and White Clover; Widdowson, Soil Bureau, and H.P. Rothbaum, chemistry Division, Department of Scientific and Industrial Research, Wellington, PP 427-445	
		Bacterial Oxidation of Orthophosphate. George Malancinski and Walter A. Konatzka, Department of Bacteriology, Indian University, Bloomington, Indiana	
		A Definitive Test To Determine Whether Phosphate Fertilization Can Replace Phosphate Fertilization To Supply P In The Metabolism of Hase on Kuka 7, Dr. Carol J. Lovatt, Botany and Plant Sciences, University of California, Riverside, PP. 12-13	
		The Biological Inactivity of Glucose 6-Phosphate, Inorganic Phosphites And Other Phosphites. H.E. Robertson and P.D. Boyert, pp 380-395	
mc		The Merck Index. An Encyclopedia of Chemicals, Drugs, and Biologicals. Eleventh Edition: 1989	
		Transition of Phosphite to Phosphate in Soils. Fred Adams and John P. Conrad, pp.361-371	
mc		Australasian. Plant Pathology, Vol. 19, Nov. 4, 1990; pp. 112-121; 138-139; pp 144-145	
		The Mode of Action of Phosphite; Evidence for Both Direct and Indirect Modes of Action of Three Phytophthora spp. in Plants; The American Phytopathological Society: Disease Control and Pest Management; Vol. 79, No. 9, 1989, pp 921-926.	
		Crystallography and Equilibrium Solubility for Ammonium and Potassium Orthophosphites and Hypophosphites; A.W. Frazier and K.R. Waerstad, Kluwer Academic Publishers, Fertilizer Research 32, 1992, pp 161-168.	
		Effect of Phosphite on Tomato and Pepper Plants and on Susceptibility of Pepper to Phytophthora Root and Crown Rot in Hydroponic Culture; H.Forster, J.E. Adaskaveg, D.H. Kim, and M.E. Stanghellini, The American Phytopathological Society, Plant Disease, Vol. 82, No. 10, 1998, pp 1165-1169.	
		Blagro Western Sales, Inc. brochure, Nutri Phite Fertilizers, P Follar 4-30-8, Follar Nutrient for Vegetable and Permanent Crops (1997); MSDS (Nov. 20, 1996); product label	

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Meyl C...

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1/22/03

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Sheet 4 of 4

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Group Art Unit	Not Assigned
Examiner Name	Not Assigned
Attorney Docket Number	396542

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M		Biagro Western Sales, Inc. brochure, Nutri Grown Fertilizer, PK 0-26-26, Foliar Nutrient For Nursery Crops, Turf and Commercial Landscaping (1997); MSDS (Sept. 26, 1997); product label	
		Biagro Western Sales, Inc. brochure, Nutri Phite Fertilizers, P Soil 0-40-0, Soil Nutrient For Vegetable and Permanent Crops (1997); MSDS (Sept. 26, 1997); product label	
		Agrichem Manufacturing Industries Pty, Ltd. brochure, Supa Crop Supa Stand Phos, 1990	
		The Effects of Sub-toxic Levels of Phosphonate on the Metabolism and Potential Virulence Factors of Phytophthora Palmivora, R.H. Dunstan, R.H. Smillie and B.R. Grant, Physiological and Molecular Plant Pathology (1990) 36, pp 205-220	
		Patey's Nursery Chemical Sprayer, 6 pages	
		Alliote Wdg., Chemical Warning and Description Label, 6 pages	
		Application For Registration of Commercial Fertilizer, 1 page	
		Nutrilan, Premium Inorganic Foliar Feed Nutritional Label, 1 page	
M		Alliote Technical Bulletin, Rhone Poulenc AG Company, February 22, 1989	
M		Comparative Antifungal Activity of Four Phosphonate Compounds Against Isolates of Nine Phytophthora Species, The American Phytopathological Society, Vol. 79, No. 7, 1989, pp. 761-767	

Examiner Signature: <i>Michael C...</i>	Date Considered: <i>1/12/03</i>
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